

2580 (WAX OR PARRAFIN) AND (PYRETHRUM OR PYRETHRINS OR PYRETHROIDS  
OR CITRONELLA OR ROSEMARY OIL OR NEEM OIL OR INSECT REPEL?)

=> s l13 and (garment# or clothing or hat or sweat band or shirt or pants)  
11 FILES SEARCHED...

L14 237 L13 AND (GARMENT# OR CLOTHING OR HAT OR SWEAT BAND OR SHIRT OR  
PANTS)

=> s l14 and softens and hardens  
L15 0 L14 AND SOFTENS AND HARDENS

=> s (wax or parrafin) (#P) (pyrethrum or pyrethrins or pyrethroids or citronella or  
rosemary oil or neem oil or insect repel?)

MISSING OPERATOR PARRAFIN) (#P

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> s (wax or parrafin) (3P) (pyrethrum or pyrethrins or pyrethroids or citronella or  
rosemary oil or neem oil or insect repel?)

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'PARRAFIN) (3P) (PYRETHRUM'

10 FILES SEARCHED...

L16 1422 (WAX OR PARRAFIN) (3P) (PYRETHRUM OR PYRETHRINS OR PYRETHROIDS OR  
CITRONELLA OR ROSEMARY OIL OR NEEM OIL OR INSECT REPEL?)

=> s l16 and l14

11 FILES SEARCHED...

L17 137 L16 AND L14

=> s l13 and veronica robinson

L18 0 L13 AND VERONICA ROBINSON

=>

AN 328937 EUROPATFULL ED 20000924 EW 198934 FS OS STA B  
 TIEN Fibrous structure having a durable fragrance and a process for preparing  
 -- the same.  
 TIDE Faseriges Material mit dauernder Parfuemwirkung und Verfahren zu seiner  
 Herstellung.  
 TIFR Produit fibreux parfume durablement et un procede pour sa fabrication.  
 IN Ono, Akira, 14-17, Nerima 2-Chome Nerima-Ku, Tokyo, JP;  
 Fuse, Toshikazu, 1-39, Kanebo-Cho, Nagahama City Shiga Pref., JP;  
 Miyamoto, Osamu, 3765-5, Aoya Aoya-Cho, Ketaka-Gun Tottori Pref., JP;  
 Makino, Shoso, 850-123, Hara-Cho, Hikone City Shiga Pref., JP;  
 Yamato, Yoshihisa, 8-59, Kashiwa-Cho 4-Chome, Shiki City Saitama Pref.,  
 JP;  
 Kametani, Hiroshi, 755-2, Funioka, Kurayoshi City Tottori Pref., JP;  
 Tokura, Susumu, 12-6, Shigino-Nishi 5-Chome Joto-Ku, Osaka City  
 Osaka-Fu, JP;  
 Tanaka, Hiromi, 42-6, To-Machi, Hikone City Shiga Pref., JP;  
 Ito, Toru, 1-39, Kanebo-Cho, Nagahama City Shiga Pref., JP;  
 Nakao, Hitomi, 165, Tobakami-Cho, Nagahama City Shiga Pref., JP;  
 Tokuoaka, Shuji, 31-13, Kawanishi-Cho 1-Chome, Takatsuki City Osaka-Fu,  
 JP;  
 Takeda, Toshihide, 25-23, Ohyabu-Cho, Hikone City Shiga Pref., JP  
 PA KANEBO, LTD., 17-4 Sumida 5-chome Sumida-ku, Tokyo 131, JP  
 SO Wila-EPZ-1989-H34-T1  
 DS R CH; R DE; R FR; R GB; R IT; R LI  
 PIT EPA2 EUROPAEISCHE PATENTANMELDUNG  
 PI EP 328937 A2 19890823  
 OD 19890823  
 AI EP 1989-101701 19890201  
 PRAI JP 1988-23444 19880202  
 JP 1988-88669 19880411  
 JP 1988-105766 19880427  
 JP 1988-115617 19880512  
 JP 1988-121140 19880518  
 JP 1988-122299 19880519  
 JP 1988-145687 19880615  
 IC ICM D06M021-00

TI Decontamination of toxic chemical agents  
IN Chromecek, Richard C., Litchfield, CT, United States  
-- McMahon, John C., New Windsor, NY, United States  
Sojka, Milan F., Walden, NY, United States  
PA Dow Corning Corporation, Midland, MI, United States (U.S. corporation)  
PI US 5126309 19920630  
AI US 1990-548526 19900705 (7)  
RLI Division of Ser. No. US 1989-352591, filed on 15 May 1989  
DT Utility  
FS Granted  
LN.CNT 749  
INCL INCLM: 502/402.000  
INCLS: 252/186.100; 252/190.000  
NCL NCLM: 502/402.000

L17 ANSWER 4 OF 137 WPIX (C) 2003 THOMSON DERWENT  
AN 2002-129452 [17] WPIX  
CR 1994-048609 [06]; 1998-178132 [16]; 2000-125732 [11]  
DNN N2002-097603 DNC C2002-039595  
TI Thermal storage composite material for **garments** comprises  
thermal storage material absorbed into superabsorbent material.  
DC A18 A25 A83 D22 E19 G04 P73  
IN BUCKLEY, T M  
PA (BUCK-I) BUCKLEY T M  
CYC 1  
PI US 6319599 B1 20011120 (200217)\* 21p B32B005-02  
ADT US 6319599 B1 CIP of US 1992-913246 19920714, CIP of US 1995-404419  
19950315, US 1998-33439 19980302  
FDT US 6319599 B1 CIP of US 5722482, CIP of US 6004662  
PRAI US 1998-33439 19980302; US 1992-913246 19920714; US 1995-404419  
19950315  
IC ICM B32B005-02  
ICS B32B005-18; B32B023-00; B32B027-08; B32B027-30

L17

L17 ANSWER 20 OF 137 USPATFULL  
AN 2002:203516 USPATFULL  
TI Process for treating textile substrates  
IN Smith, Carl Brent, Raleigh, NC, UNITED STATES  
Hendrix, Walter A., Raleigh, NC, UNITED STATES  
Butcher, Donald L., Knightdale, NC, UNITED STATES  
PI US 2002108183 A1 20020815  
AI US 2000-729566 A1 20001204 (9)  
PRAI US 2000-241262P 20001018 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1478  
INCL INCLM: 008/115.510  
INCLS: 008/116.100  
NCL NCLM: 008/115.510  
NCLS: 008/116.100  
IC [7]

..L17 ANSWER 30 OF 137 USPATFULL  
AN 2001:13985 USPATFULL  
TI Slow release **insect repellents**  
IN Calton, Gary J., Elkridge, MD, United States  
Siemer, Sidney R., Fresno, CA, United States  
Wood, Louis L., Rockville, MD, United States  
PA AquaSource, Inc., Glen Burnie, MD, United States (U.S. corporation)  
PI US 6180127 B1 20010130  
AI ~~US 1993-132289~~ 19931006 (8)  
RLI Continuation of Ser. No. US-1992-899367, filed on 16 Jun 1992  
DT Utility  
FS Granted  
LN.CNT 425  
INCL INCLM: 424/409.000  
INCLS: 424/045.000; 424/047.000; 424/076.300; 424/405.000; 424/078.030;  
424/078.240; 424/078.360; 424/411.000; 514/919.000  
NCL NCLM: 424/409.000  
NCLS: 424/045.000; 424/047.000; 424/076.300; 424/078.030; 424/078.240;  
424/078.360; 424/405.000; 424/411.000; 514/919.000  
IC [7]  
ICM: A01N025-08  
EXF 424/405; 424/47; 424/76.3; 424/45; 424/409; 424/78.03; 424/78.24;  
424/78.36; 424/411; 514/919  
CAS INDEXING IS

LI7 ANSWER 40 OF 137 USPATFULL  
AN 1998:95244 USPATFULL  
TI Repellent compositions containing aromatic aldehydes  
IN Emerson, Ralph W., Davis,, CA, United States  
Crandall, Jr., Bradford G., Davis, CA, United States  
PA Proguard, Inc., Suisun City, CA, United States (U.S. corporation)  
PI US 5792467 19980811  
AI US 1996-778061 19961224 (8)  
RLI Continuation-in-part of Ser. No. US 1996-640962, filed on 9 May 1996  
which is a continuation-in-part of Ser. No. US 1995-486943, filed on 7  
Jun 1995  
DT Utility  
FS Granted  
LN.CNT 2154  
INCL INCLM: 424/405.000  
INCLS: 424/403.000; 424/406.000; 514/919.000; 514/701.000  
NCL NCLM: 424/405.000  
NCLS: 424/403.000; 424/406.000; 514/701.000; 514/919.000  
IC [6]  
ICM: A01N025-22  
EXF 4

L17 ANSWER 41 OF 137 USPATFULL

AN 1998:85593 USPATFULL  
 TI Pediculicidal mousse composition for killing head lice  
 IN Tomlinson, Roderick P., Rowville, Australia  
 Halls, Neil G., Glen Waverley, Australia  
 Abram, Albert Z., Rowville, Australia  
 PA Soltec Research Pty. Ltd., Rowville, Australia (non-U.S. corporation)  
 PI US 5783202 19980721  
 AI ~~US 1995-403110~~ 19950314 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 691  
 INCL INCLM: 424/405.000  
 INCLS: 424/045.000; 424/DIG.010; 514/919.000; 514/937.000; 514/945.000  
 NCL NCLM: 424/405.000  
 NCLS: 424/045.000; 424/DIG.010; 514/919.000; 514/937.000; 514/945.000  
 IC [6]  
 ICM: A61K009-12  
 EXF 424/405; 424/DIG.10; 424/43; 424/45; 514/937; 514/919; 514/945  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 42 OF 137 USPATFULL

AN 1998:53895 USPATFULL  
 TI Valve device for aerosol container  
 IN Yabuno, Kimio, Nara, Japan  
 Hoshino, Kazunori, Zushi, Japan  
 PA Soft 99 Corporation, Osaka, Japan (non-U.S. corporation)  
 Toyo Aerosol Industry Co., Ltd., Tokyo, Japan (non-U.S. corporation)  
 PI US 5752631 19980519  
 AI US 1997-787634 19970123 (8)  
 PRAI JP 1996-63085 19960319  
 JP 1996-263333 19961003  
 DT Utility  
 FS Granted  
 LN.CNT 631  
 INCL INCLM: 222/402.100  
 INCLS: 222/564.000  
 NCL NCLM: 222/402.100  
 NCLS: 222/564.000  
 IC [6]  
 ICM: B65D083-14  
 EXF 222/402.1; 222/564; 222/547; 239/337

L17 ANSWER 43 OF 137 USPATFULL

AN 1998:39260 USPATFULL  
 TI Honey bee repellent composition comprising tea tree oil  
 IN Sackin, Bradley M., 3030 Brookdale Rd., Studio City, CA, United States  
 91604  
 Fishman, Yoram, 2375 Third St., Riverside, CA, United States 92507  
 PI US 5738863 19980414  
 AI US 1997-779650 19970115 (8)  
 RLI Continuation of Ser. No. US 1994-226694, filed on 12 Apr 1994, now  
 abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 308  
 INCL INCLM: 424/405.000  
 INCLS: 424/045.000; 424/195.100; 424/DIG.010; 514/937.000; 514/944.000;  
 514/919.000  
 NCL NCLM: 424/405.000  
 NCLS: 424/045.000; 424/769.000; 424/DIG.010; 514/919.000; 514/937.000;



514/944.000

IC [6]

ICM: A01N027-00

EXF 424/405; 424/45; 424/195.1; 424/DIG.10; 424/43; 514/937; 514/944;  
514/957; 514/919

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 44 OF 137 USPATFULL

AN 1998:39259 USPATFULL

TI Solid and liquid compositions for dispersion of insect  
repellent based on deet

IN Abraham, Carl J., 3 Baker Hill Rd., Great Neck, NY, United States 11023

PI US 5738862 19980414

AI US 1997-803803 19970224 (8)

RLI Continuation-in-part of Ser. No. US 1996-769993, filed on 19 Dec 1996

DT Utility

FS Granted

LN.CNT 783

INCL INCLM: 424/403.000

INCLS: 424/411.000; 514/617.000; 514/511.000; 514/532.000; 514/544.000;  
514/552.000

NCL NCLM: 424/403.000

NCLS: 424/411.000; 514/511.000; 514/532.000; 514/544.000; 514/552.000;  
514/617.000

IC [6]

ICM: A61K035-78

ICS: A61K031-045; A01N009-02; A01N009-20

EXF 424/403; 424/411; 514/617; 514/511; 514/532; 514/544; 514/552

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 45 OF 137 USPATFULL

AN 97:31735 USPATFULL

TI Insect repellent blends, lotions, and sprays

IN Beldock, Donald T., Rye, NY, United States

Beldock, John A., Evergreen, CO, United States

Mudge, Grant, West Redding, CT, United States

PA Primavera Laboratories, Inc., Rye, NY, United States (U.S. corporation)

PI US 5621013 19970415

AI US 1995-520101 19950828 (8)

RLI Continuation-in-part of Ser. No. US 1994-298839, filed on 31 Aug 1994  
which is a division of Ser. No. US 1993-37260, filed on 26 Mar 1993, now  
patented, Pat. No. US 5346922 which is a division of Ser. No. US  
1992-905166, filed on 24 Jun 1992, now patented, Pat. No. US 5227406

DT Utility

FS Granted

LN.CNT 524

INCL INCLM: 514/703.000

INCLS: 514/729.000; 514/739.000; 514/919.000; 424/195.100; 424/DIG.010

NCL NCLM: 514/703.000

NCLS: 424/745.000; 424/DIG.010; 514/729.000; 514/739.000; 514/919.000

IC [6]

ICM: A01N031-02

ICS: A01N031-04; A01N031-06

EXF 514/703; 514/729; 514/739; 514/919; 424/195.1; 424/DIG.10

CA

L17 ANSWER 55 OF 137 USPATFULL  
 AN 92:86774 USPATFULL  
 TI Fabric impregnated with functional substances for controlled release  
 IN Leong, Helen C., Atherton, CA, United States  
 Katz, Martin, Menlo Park, CA, United States  
 Cheng, Chung-Heng, San Jose, CA, United States  
 PA Advanced Polymer Systems, Inc., Redwood City, CA, United States (U.S. corporation)  
 PI US 5156843 19921020  
 AI US 1989-326139 19890320 (7)  
 DT Utility  
 FS Granted  
 LN.CNT 541  
 INCL INCLM: 424/411.000  
 INCLS: 424/400.000; 424/401.000; 424/402.000; 424/403.000; 424/404.000;  
 424/405.000; 424/409.000; 424/414.000; 424/416.000; 424/501.000;  
 424/502.000; 424/059.000; 424/076.300; 514/963.000; 514/965.000;  
 428/241.000; 428/243.000; 428/281.000; 428/905.000; 428/907.000;  
 428/911.000; 428/913.000  
 NCL NCLM: 424/411.000  
 NCLS: 424/059.000; 424/076.300; 424/400.000; 424/401.000; 424/402.000;  
 424/403.000; 424/404.000; 424/405.000; 424/409.000; 424/414.000;  
 424/416.000; 424/501.000; 424/502.000; 428/905.000; 428/907.000;  
 428/911.000; 428/913.000; 442/097.000; 442/123.000; 442/124.000;  
 442/125.000; 442/136.000; 514/963.000; 514/965.000  
 IC [5]  
 ICM: A01N025-08  
 ICS: A01N025-34; A61L009-04; B32B005-16  
 EXF 424/402; 424/414; 424/416; 424/501; 424/502; 424/411; 424/400; 424/401;  
 424/403; 424/404; 424/405; 424/409; 424/59; 424/76.3; 514/963; 514/965;  
 428/241; 428/243; 428/281; 428/905; 428/907; 428/911; 428/913  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 56 OF 137 USPATFULL  
 AN 92:80124 USPATFULL  
 TI Multi-layer scent emitting article and device adapted to employ same  
 IN Rutherford, Howard J., Highlands, NJ, United States  
 PA International Flavors & Fragrances Inc., New York, NY, United States (U.S. corporation)  
 PI US 5150722 19920929  
 AI US 1990-611913 19901109 (7)  
 RLI Continuation-in-part of Ser. No. US 1989-407064, filed on 14 Sep 1989, now patented, Pat. No. US 5069231, issued on 3 Dec 1991 which is a continuation-in-part of Ser. No. US 1989-379175, filed on 12 Jul 1989  
 DT Utility  
 FS Granted  
 LN.CNT 1647  
 INCL INCLM: 131/335.000  
 INCLS: 131/270.000; 131/329.000; 131/231.000; 222/003.000; 222/004.000;  
 428/411.100; 428/414.000; 428/497.000  
 NCL NCLM: 131/335.000  
 NCLS: 131/231.000; 131/270.000; 131/329.000; 222/003.000; 222/004.000;  
 428/411.100; 428/414.000; 428/497.000  
 IC [5]  
 ICM: A24F047-00  
 ICS: B67D005-10; B32B009-04  
 EXF 131/329; 131/270; 131/335; 131/273; 131/231; 428/411.1; 428/414;  
 428/497; 222/3; 222/4

L17 ANSWER 57 OF 137 USPATFULL  
 AN 92:53260 USPATFULL

L17 ANSWER 106 OF 137 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 388718 EUROPATFULL ED 20000903 EW 199039 FS OS STA B  
TIEN Fabric impregnated with functional substances for controlled release.  
TIDE Mit Wirksubstanzen impraegnierte Gewebe zur gesteuerten Freisetzung.  
TIFR Tissus impregnes de substances actives pour la liberation controlee.  
IN Leong, Helen C., 146 Atherton Avenue, Atherton, CA 94025, US;  
Katz, Martin, 5 Whitney Court, Menlo Park, CA. 94025, US;  
Cheng, Chung-Heng, 1162 Robalo Court, San Jose, CA. 95131, US  
PA Advanced Polymer Systems, Inc., 3696C Haven Avenue, Redwood City, CA  
94063, US  
SO Wila-EPZ-1990-H39-T1  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
R NL; R SE  
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG  
PI EP 388718 A2 19900926  
OD 19900926  
AI EP 1990-104447 19900308  
PRAI US 1989-326139 19890320  
IC ICM A61K009-70  
ICS A61K009-16

L17 ANSWER 107 OF 137 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 379677 EUROPATFULL ED 20000910 EW 199031 FS OS STA B  
TIEN Silicone surfactants.  
TIDE Oberflaechenaktive Polysiloxane.  
TIFR Siloxanes tensio-actifs.  
IN Raleigh, William John, 10 Glen Street, Rensselaer New York 12144, US;  
Thimineur, Raymond Joseph, 162 Willow Lane, Scotia New York 12302, US;  
Zotto, Anthony Arthur, 138 Hidley Road, Troy New York 12180, US  
PA GENERAL ELECTRIC COMPANY, 1 River Road, Schenectady, NY 12345, US  
SO Wila-EPZ-1990-H31-T1  
DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R IT; R LI; R NL; R SE  
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG  
PI EP 379677 A2 19900801  
OD 19900801  
AI EP 1989-122077 19891130  
PRAI US 1988-291909 19881229  
IC ICM B01F017-00  
ICS C08G077-46